

Serial No. 10/730,163
60130-1910;03MRA0301

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows. This listing of claims will replace all prior listings.

1. (CURRENTLY AMENDED) A seal assembly for a self-centering bearing comprising:

- a bearing cushion;
- a bearing mounted within said bearing cushion;
- a shield mounted to said bearing; and
- a seal mounted between to said shield and said bearing, said seal in contact with an inner race of said bearing.

2. (CANCELED)

3. (CANCELED)

4. (CURRENTLY AMENDED) ~~The seal assembly as recited in claim 1, wherein said seal is mounted to an said inner race of said bearing.~~

A seal assembly for a self-centering bearing comprising:

- a bearing cushion;
- a bearing mounted within said bearing cushion;
- a shield mounted to said bearing; and
- a seal mounted between said shield and said bearing, said seal mounted to an inner race of said bearing.

5. (CURRENTLY AMENDED) ~~The seal assembly as recited in claim 1, wherein said shield comprise a first and a second diameter.~~

A seal assembly for a self-centering bearing comprising:

- a bearing cushion;
- a bearing mounted within said bearing cushion;
- a shield mounted to said bearing said shield comprise a first and a second diameter; and

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a seal mounted between said shield and said bearing, said seal in contact with an inner race of said bearing and said first diameter mounted to an outer race of said bearing.

6-8. (CANCELED)

9. (ORIGINAL) The seal assembly as recited in claim 1 wherein said seal comprises a wiper which rides upon said inner race.

10. (WITHDRAWN) A seal assembly for a self-centering bearing comprising:
a bearing cushion;
a bearing mounted within said bearing cushion;
a shield mounted to said bearing; and
a seal mounted to an inner race of said bearing, said seal comprising a wiper which rides upon said shield.

11. (WITHDRAWN) A seal assembly for a self-centering bearing comprising:
a bearing cushion;
a bearing mounted within said bearing cushion;
a shield mounted to said bearing; and
a seal mounted within said shield, said seal comprising a wiper which rides upon an inner race of said bearing.

13. (CURRENTLY AMENDED) The seal assembly as recited in claim 6 5, further comprising grease packed as an annulus volume adjacent said outer race.

14. (PREVIOUSLY PRESENTED) The seal assembly as recited in claim 4, wherein said seal is mounted to said inner race through a fiction fit.

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15. (CURRENTLY AMENDED) ~~The seal assembly as recited in claim 1,~~

A seal assembly for a self-centering bearing comprising:

a bearing cushion;

a bearing mounted within said bearing cushion;

a shield mounted to said bearing; and

a seal mounted between said shield and said bearing, said seal in contact with an inner race of said bearing, wherein said seal is generally V-shape in cross-section.

16. (PREVIOUSLY PRESENTED) The seal assembly as recited in claim 1, wherein said seal includes a wiper which rides upon a face of said shield, said face generally transverse to an axis of rotation of said bearing and generally parallel to a face of said bearing.

17. (CURRENTLY AMENDED) ~~The seal assembly as recited in claim 1,~~

A seal assembly for a self-centering bearing comprising:

a bearing cushion;

a bearing mounted within said bearing cushion;

a shield mounted to said bearing; and

a seal mounted between said shield and said bearing, said seal in contact with an inner race of said bearing, wherein said seal includes a wiper defined at an angle relative a shoulder of said inner race upon which said seal is mounted.

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18. (CURRENTLY AMENDED) A seal assembly for a self-centering bearing comprising:

a bearing cushion;

a bearing mounted within said bearing cushion, said bearing including an inner race and an outer race;

a shield mounted to said outer race; and

a seal mounted to said inner race, said seal in contact with said shield wherein said seal includes a wiper defined at an angle relative a shoulder of said inner race upon which said seal is mounted.

19. (CANCELED)